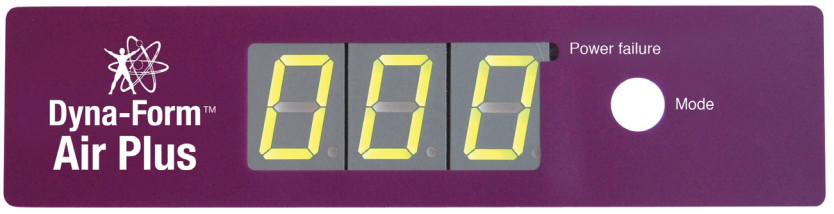
QUICK REFERENCE GUIDE

Dyna-Form™ Air Plus

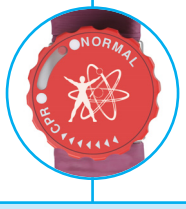
This is a quick reference guide for the **Dyna-Form Air Plus System** - (refer to user manual for additional information).

Product Code MAT/PLUS/200/85/16



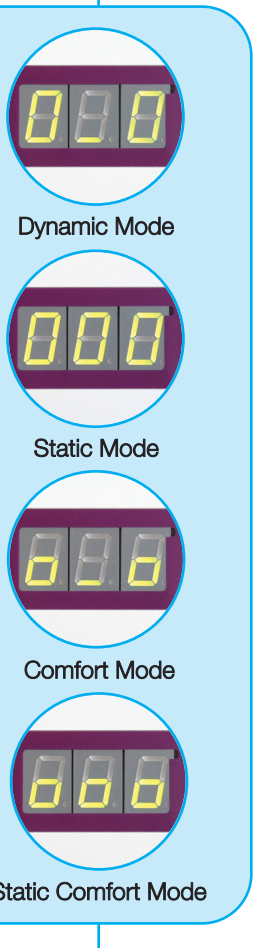
Power Switch
Alarm Reset

The power switch simply switches the mains power to the pump on and off.
When the pump detects an alarm condition, this can be cancelled by switching the pump off and then back on again.



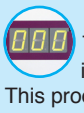
CPR Valve

Please ensure that the CPR valve is always set to normal, prior to inflating the mattress. The mattress will NOT inflate should this function not be selected. The CPR valve is only to be used in the event of a clinical emergency for priority use. However the function can also be used to deflate air rapidly from the mattress in readiness for transport.



LED Mode Settings

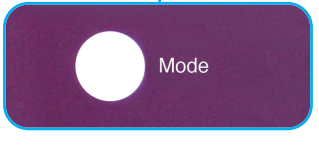
The symbol on the left indicates that the mattress is functioning correctly in the "normal" alternating function. This mode is automatically selected when the mattress is inflated to the correct pressure upon completion of the inflation stage. This is indicated when the symbols illuminate in green accordingly. This function is suitable for the majority of patients.



This symbol indicates that the mattress is operating in the "static mode". This function is manually selected by use of the white MODE button on the front panel of the box. This procedure levels out the cells into a stable format, allowing safe transfer of patients or the allowance of a clinical procedure accordingly. Should the Nurse / Carer forget to switch the function back to the standard alternating mode, then the system will automatically return to this selection after a period of 20 minutes. This is a safety procedure used to prevent further damage to the skins surface.

When a patient requires less pressure in the cells, as they may be uncomfortable or indeed hyper sensitive to cell movement or indeed if the patient is still reddening further, then a special "LOW PRESSURE" setting may be selected. This is indicated by the half circle symbols as shown on the left. This must only be used by a trained clinician. Advice from the manufacturer may be obtained in relation to this feature.

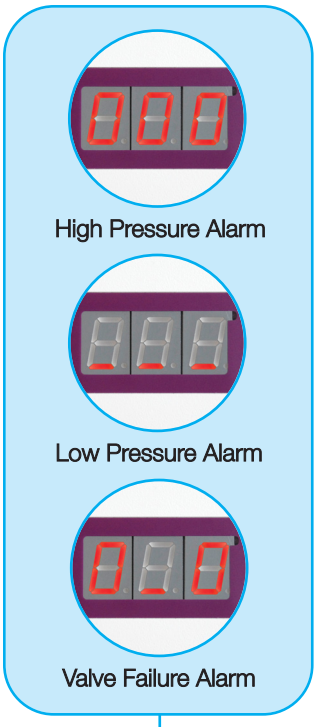
This symbol indicates that the mattress is operating in the "static mode" – LOW PRESSURE SETTING". As with the static mattress selection above, this function is manually selected by use of the white MODE button on the front panel of the box. This procedure levels out the cells into a stable format, allowing safe transfer of patients or the allowance of a clinical procedure accordingly. Should the Nurse / Carer forget to switch the function back to the standard alternating mode, then the system will automatically return to this selection after a period of 20 minutes. This is a safety procedure used to prevent further damage to the skins surface.



Controls

This is the only button used to control the entire function of the mattress (other than the On / OFF, ALARM Re-Set switch as above). This button can be repeatedly pressed to select the desired functions as required. Please note that this is an automatic system for safety purposes and will naturally return to the normal alternating or low pressure mode after a set period. This means that the Nurse / carer can't really select an inappropriate setting for a long period.

NB: Please ensure that all securing straps on the base of the mattress are secured onto the NON MOVING PARTS of the bed frame.



Alarm Settings

High Pressure Alarm
This condition could be caused, for example by a kinked umbilical hose or visitors, and others, sitting suddenly on the Mattress.

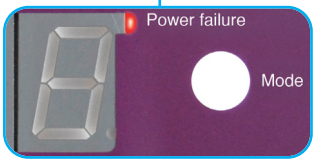
The high pressure alarm condition is shown by (flashing red) plus an audible alarm.

Low Pressure Alarm
This condition could be caused, for example, by opening the CPR Valve or a leak in the Mattress due to a cut or puncture.

The low pressure alarm condition is shown by (flashing red) plus an audible alarm.

Valve Failure Alarm
If either of the Solenoid Valves should fail electrically (either open circuit or short circuit) this causes a failure of the Mattress to alternate.

This condition is shown by (flashing red) plus an audible alarm.



Mains Failure Alarm

Mains Failure Alarm
If mains power is lost the main display will not function.
This alarm condition is shown by an additional red LED (close to the Mode switch) flashing red and an audible alarm.

T R O U B L E S H O O T I N G

Symptoms	Problems / Cause	Points to check
Low Pressure.	The mattress is set to mode SOFT.	Change the mode button to standard (from low pressure setting) as required. Evaluate that the mattress cycle is alternating cells after a period of 20 / 25 minutes. If not, then please call an engineer.
	The CPR has been knocked / moved.	Switch CPR valve to NORMAL.
	There may be a leak in the system.	Check all tubing is not kinked within the mattress. Ensure that the three connectors on the pump unit are fully locked home to the mattress.
High Pressure.	The mattress is excessively firm on a constant basis.	Set mattress to soft mode as clinically required. Evaluate that the mattress cycle is alternating cells after a period of 20 / 25 minutes. If not, then please call an engineer. Check all tubing is not kinked within the mattress.

Direct Healthcare Services
Delivering the Promise

Telephone Helpline / Service and Maintenance 0845 459 9831
Please document product code - MAT/PLUS/200/85/16 and serial number on rear of the pump prior to calling.

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